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TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/628,729
	Filing Date	July 28, 2003
	First Named Inventor	Eisentraeger
	Group Art Unit	2131
	Examiner Name	
Total Number of Pages in This Submission		Attorney Docket Number MS1-1280US

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Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Thomas A. Jolly, Reg. No. 39,241
Signature	<i>Thomas A. Jolly</i>
Date	3/17/2004

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date: <u>March 17, 2004</u>			
Typed or printed name	Michelle G. Trujillo		
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No. 10/628,729
Filing Date Jul 28, 2003
Inventorship Eisentraeger
Applicant Microsoft Corporation
Attorney's Docket No. MS1-1280US
Title: **Improved Tate Pairing Techniques for use with Hyperelliptic Curves**

INFORMATION DISCLOSURE STATEMENT

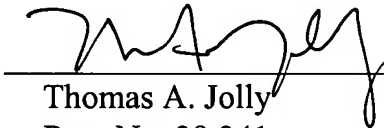
References -- See Attached Form PTO-1449

REMARKS

The citations listed, copies attached, are submitted in compliance with the duty of disclosure defined in 37 CFR §1.56. The Examiner is requested to make these citations of official record in this application.

Respectfully Submitted,

Date: 3/17/2004

By: 
Thomas A. Jolly
Reg. No. 39,241

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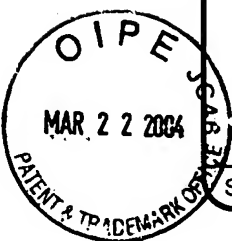
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Sheet 1 of 1

Complete if Known

Application Number	10/628,729
Filing Date	July 28, 2003
First Named Inventor	Eisentraeger
Group Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned
Attorney Docket Number	MS1-1280US



NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		EISENTRAGER, KIRSTEN et al., "Fast Elliptic Curve Arithmetic and Improved Weil Pairing Evaluation," Topics in Cryptology, CT-RSA 2003, Marc Joye (Ed), pp. 343-354, LNCS 2612, Springer-Verlag, 2003.	
		BONEH, DAN, et al., "Identity-Based Encryption from the Weil Pairing," SIAM J. COMPUT., Vol 32, No. 3, pp. 586-615, 2003 Society for Industrial and Applied Mathematics.	
		MENEZES, ALFRED J., et al., "Reducing Elliptic Curve Logarithms to Logarithms in a Finite Field," (0018-9448/93 1993 IEEE, IEEE Transactions on Information....), 8 pages.	
		FREY, GERHARD et al., "A Remark Concerning m-Divisibility and the Discrete Logarithm in the Divisor Class Group of Curves," Mathematics of Computation, Vol. 62, No. 206, April 1994, pp. 865-874.	
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		CANTOR, DAVID G., "Computing in the Jacobian of a Hyperelliptic Curve," Mathematics of Computation, Vol. 48, No. 177, January 1987, pp. 95-101.	
		BARRETO, PAULO S.L.M., et al., "Efficient Algorithms for Pairing-Based Cryptosystems," Universidade de Sao Paulo, Escola Politecnica, Sao Paulo (SP), Brazil & Computer Science Department, Stanford University, USA, pp. 1-16.	
		JOUX, ANTOINE, "The Weil and Tate Pairings as Building Blocks for Public Key Cryptosystems (Survey)," C. Fieker and D.R. Kohel (eds.): ANTS 2002, LNCS 2369, pp. 20-32, 2002 (Springer-Verlag Berlin Heidelberg 2002).	

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